

REYNOLDS CRAIG B

Form 4

August 25, 2005

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
REYNOLDS CRAIG B

(Last) (First) (Middle)

1046 MIDDLEBROOK WAY

(Street)

KENNESAW, PA 30144

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
RESPIRONICS INC [RESP]

3. Date of Earliest Transaction
(Month/Day/Year)
08/25/2005

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer (give title below) ____ Other (specify below)
Executive Vice President & COO

6. Individual or Joint/Group Filing(Check
Applicable Line)
X Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D)	Price	
Common Stock	08/25/2005		M		5,938	A \$ 16.84	69,532 D
Common Stock	08/25/2005		S		5,938	D \$ 38.8795	63,594 D
Common Stock	08/25/2005		M		9,062	A \$ 16.84	72,656 D
Common Stock	08/25/2005		S		9,062	D \$ 38.8975	63,594 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
				Code	V	(A)	(D)	
Stock Option	\$ 16.84	08/25/2005		M		5,938	08/22/2002 08/22/2011	Common Stock 5,938
Stock Option	\$ 16.84	08/25/2005		M		9,062	08/22/2002 08/22/2011	Common Stock 9,062

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

REYNOLDS CRAIG B
1046 MIDDLEBROOK WAY
KENNESAW, PA 30144

Executive Vice President & COO

Signatures

Dorita A. Pishko;
Attorney-in-Fact 08/25/2005

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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